

Fig.1

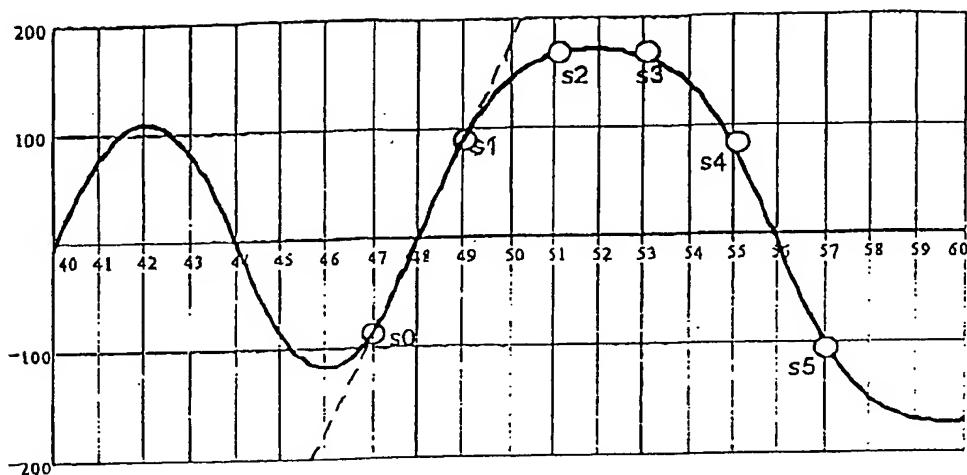


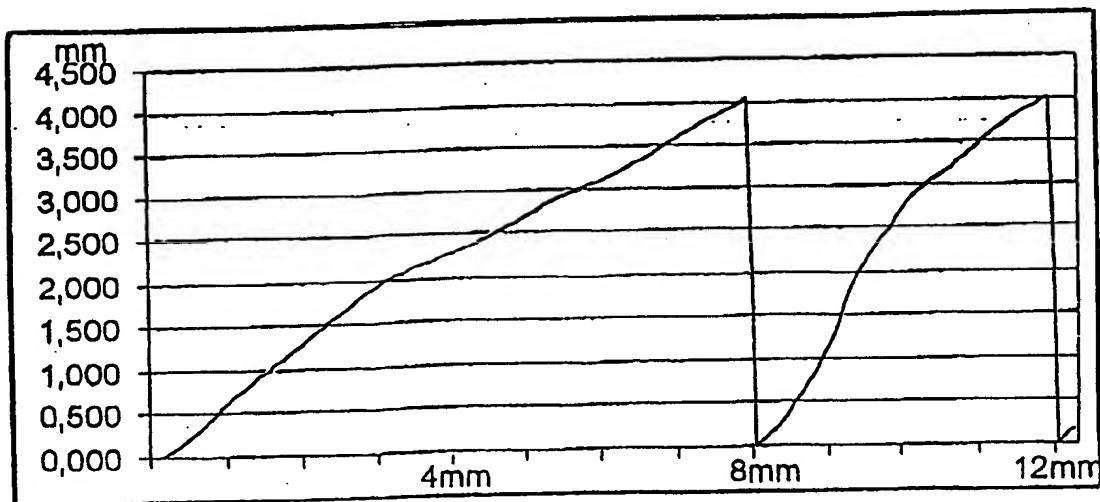
Fig. 2

$$\begin{aligned}
 U_0(s0) &= -86.173819123 \text{ mV} & U_0(s1) &= 90.53382374 \text{ mV} \\
 U(s0) > 0 & \rightarrow 0 & \\
 U(s0) + 1/3^*U(s1) > 0 & \rightarrow 0 & \\
 U(s0) + U(s1) > 0 & \rightarrow 1 & \\
 1/3^*U(s0) + U(s1) > 0 & \rightarrow 1 & \\
 U(s1) > 0 & \rightarrow 1 &
 \end{aligned}$$

u.s.w. ... to:

$$U(s4) + 1/3^*U(s5) > 0 \rightarrow 1$$

Fig. 3



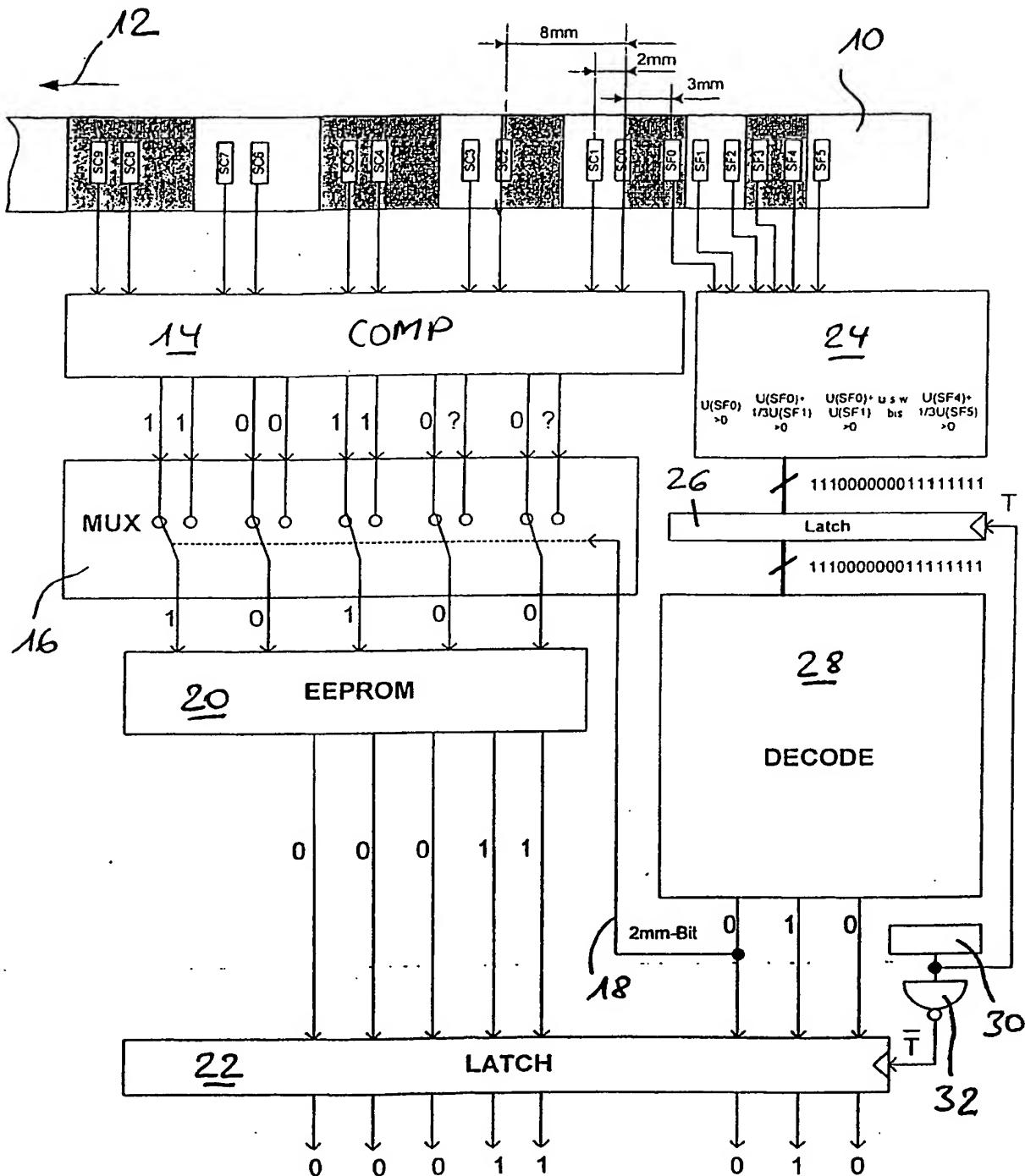


Fig. 4

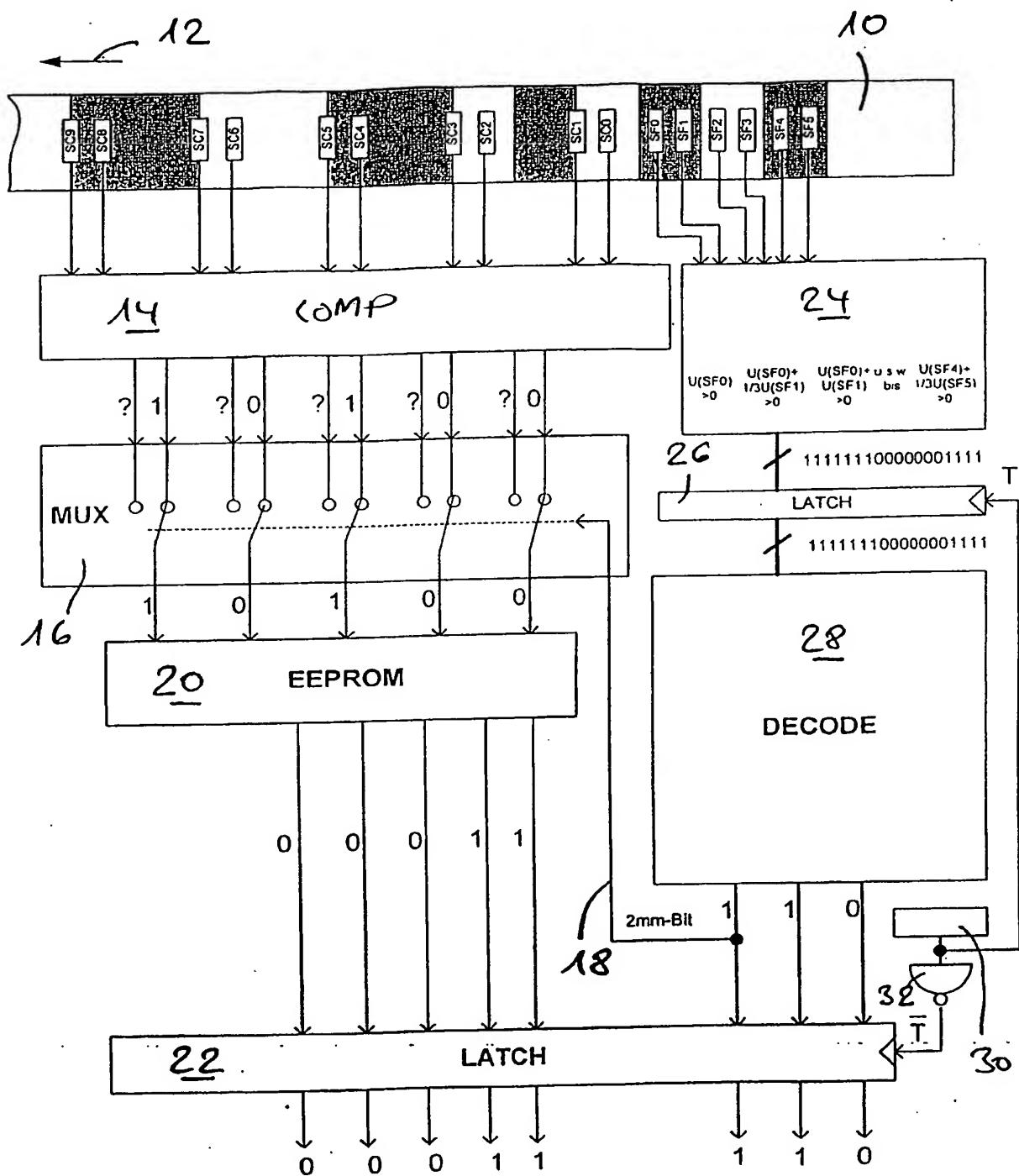


Fig. 5

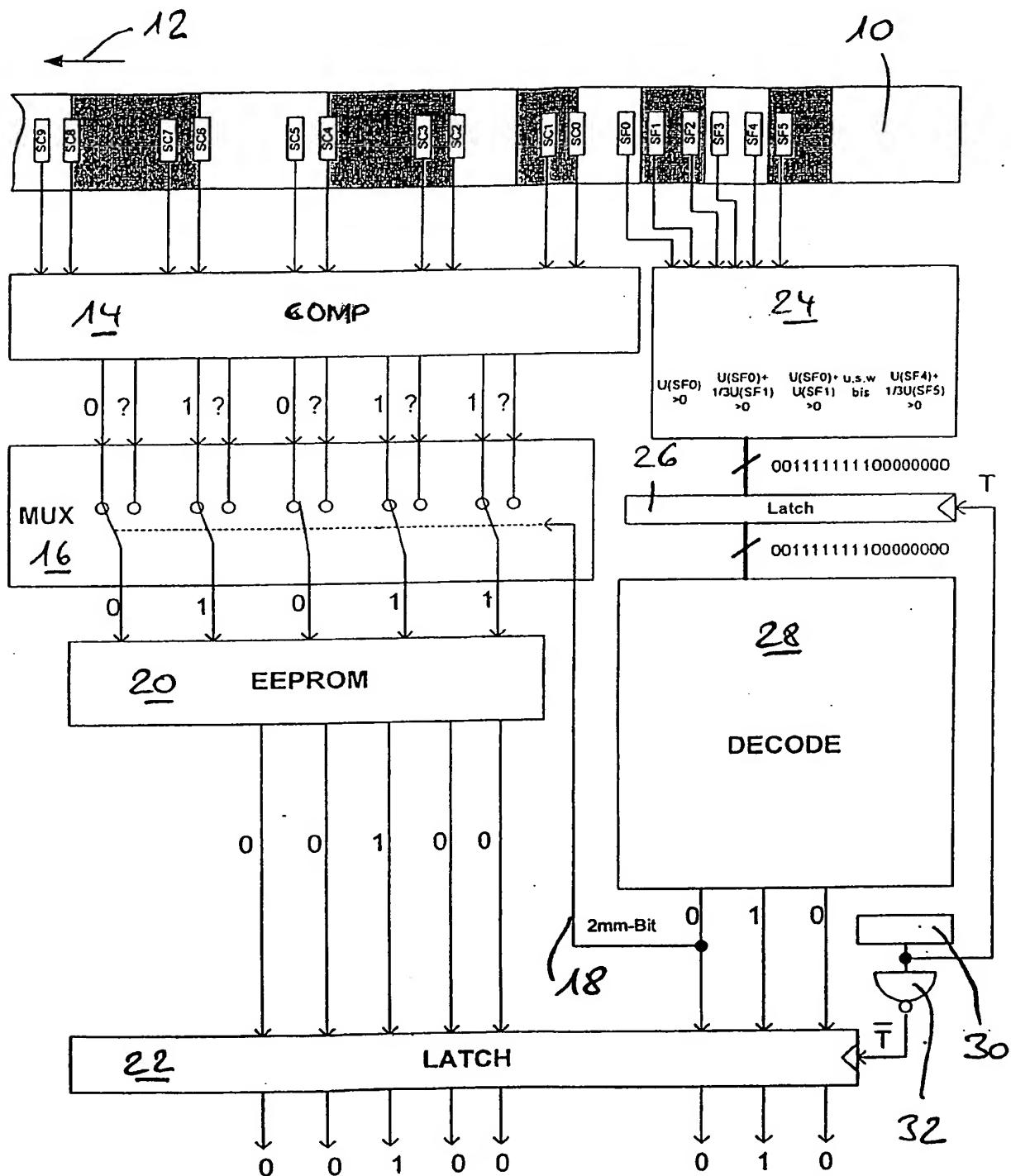


Fig. 6

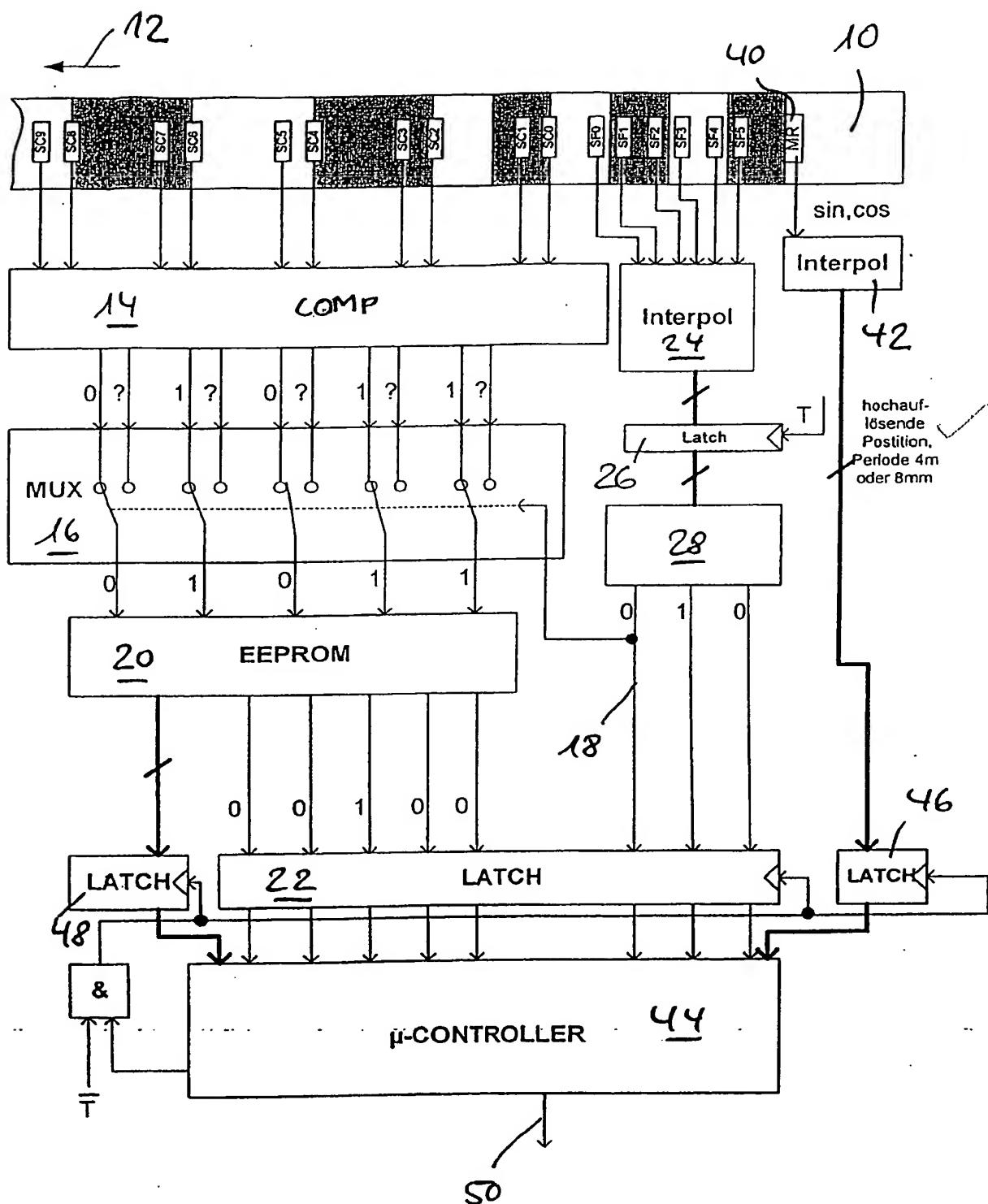


Fig. 7

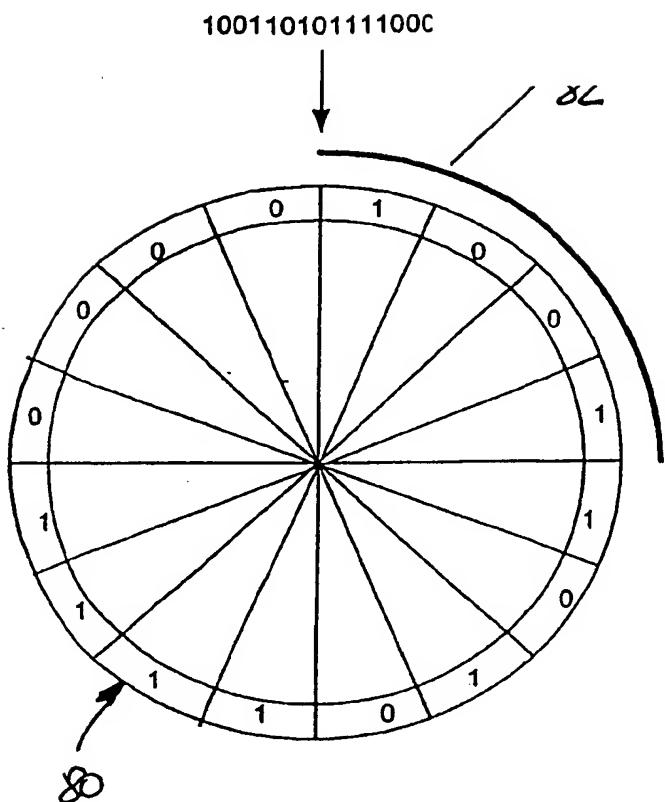


Fig.9

code	position
1001	0
0011	1
0110	2
1101	3
1010	4
0101	5
1011	6
0111	7
1111	8
1110	9
1100	10
1000	11
0000	12
0001	13
0010	14
0100	15

